

WHAT IS CLAIMED IS:

1. A method for producing a composite metal product containing a carbon nano material and a metal material,
5 comprising the steps of:
 mixing the carbon nano material with the metal material in a powder state;
 compressing a resultant mixed material to a solid material by a hot press and forming said solid mixed material
10 to granules such as chips, pellets, and the like;
 melting the metal and kneading the granules to form a composite material and injecting the composite material into a mold to form the composite metal product; and
 obtaining the composite metal product.
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2. The method according to claim 1, wherein the melting and kneading step and the injecting step are performed by using an inline screw type injection machine or a screw type preplasticization injection machine.
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3. The method according to claim 1 or 2, wherein the metal material comprises a low melting point metal material.
4. A composite metal product containing a carbon nano
25 material and a metal material, wherein said composite metal product is obtained by any of the methods according to claims 1 to 3.